ICS Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Question Image	A. Undefined B. 3a² C. a² D. 0
2	Question Image	
3	Question Image	A. 1 B. 2 C. 3 D. 4
4	Let $f(x) = x^3 + \sin x$, then f(x) is:	A. Even function B. Odd function C. Power function D. None of these
5	Let f(x) = cos x, then f(x) is an:	A. Even function B. Odd function C. Power function D. None of these
6	f(x) = sin x + cos x is ---------- function:	A. Even B. Odd C. Composite D. Neither even nor odd function
7	Question Image	A. Even B. Odd C. One-one D. Zero
8	f(x) is odd function. If and only if:	A. f(-x) = -f(x) B. f(-x) = f(x) C. f(x) = 3f(-x) D. f(x) = -3f(-x)
9	If y = (x), then the variable x is called --------- variable of a function f.	A. Dependent B. Independent C. Image of y D. None of these
10	The function y = ln x is a/an ---------- function of x.	A. Constant B. Explicit C. Exponential D. Logarithmic
11	f (x) = x secx, then f(0)=	A. -1 B. 0 C. 1
12	$x^2 + y^2 = 4$ is:	A. Function B. Not a function C. Ellipse D. Line
13	x = 3 cos t, y = 3 sin t represent	A. Line B. Circle C. Parabola D. Hyperbola
14	Question Image	A. Line B. Parabola C. Ellipse D. Hybperbola
15	Question Image	A. Parabola B. Hyperbola C. Ellipse D. Circle
16	Parametric equations x = a cos t, y = a sin t represent the equation of:	A. Line B. Circle C. Parabola

		D. Ellipse
17	If y is an image of x under the function f, we denote it by:	A. x = f(y) B. x = y C. y = f(x) D. f(x, y) = c
18	Every relation, which can be represented by a linear equation in two variables, represents a:	A. Graph B. Function C. Cartesian product D. Relation
19	Question Image	A. Constant B. Implicit C. Explicit D. Inverse
20	Inverse hyperbolic functions are expressed in terms of natural:	A. Numbers B. Exponential C. Logarithms D. Sines